

**DECLARATION AND POWER OF ATTORNEY**

**As a below named inventor, I hereby declare that:**

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PARALLEL CONVOLUTIONAL ENCODER**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

60/399,728  
(Application Serial No.)

08/01/2002  
(Filing Date)

I hereby appoint practitioners named below:

| <u>NAME</u>      | <u>Reg. No.</u> |
|------------------|-----------------|
| P. Scott Maclean | 39,543          |
| Lynn S. Cassan   | 32,378          |
| Allan Millard    | 43,397          |
| Arturo Brion     | 51,374          |

as my/our attorney(s) or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

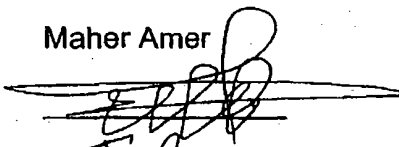
Unless otherwise directed in an Associate Power of Attorney, direct all correspondence to:  
Cassan Maclean, Suite 401, 80 Aberdeen St., Ottawa, Ontario CANADA K1S.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of  
Sole Inventor:

Maher Amer

Inventor's signature:



Date:

Jul 28, 2003

Residence Address:

391 Beatrice Road  
Nepean, Ontario  
K2J 4Y7  
Canada

Citizenship:

Canadian

Post Office Address:

(Same as above)

IN THE MATTER OF United States Patent  
Application in the name of Maher Amer

Entitled PARALLEL CONVOLUTIONAL  
ENCODER

ASSOCIATE POWER OF ATTORNEY AND  
DIRECTION FOR FORWARDING CORRESPONDENCE

THE UNDERSIGNED, ARTURO A. BRION, Registration No. 51,374, having been duly appointed attorney in respect of the above referenced United States patent application, by a Declaration executed on July 28, 2003, hereby appoints all attorneys and/or patent agents listed under the following Customer Number, with full power to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



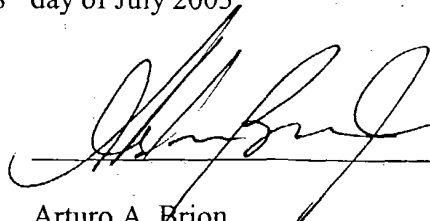
**022913**

PATENT TRADEMARK OFFICE

AND THE UNDERSIGNED further directs that communication concerning the application should be directed to:

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WORKMAN, NYDEGGER & SEELEY  
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60 East South Temple  
Salt Lake City, Utah 84111  
Telephone (801) 533-9800  
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DATED at Ottawa, Canada, this 28<sup>th</sup> day of July 2003

  
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Arturo A. Brion